

12-08-99 A  
"Express Mail" mailing label number EL 392 678 417 US

Date of Deposit 12/17/99

Our Case No. 9281-3489  
Client Reference No. N US99081

**PATENT APPLICATION TRANSMITTAL LETTER**

To the Assistant Commissioner for Patents:

Transmitted herewith for filing is the patent application of Kiyoshi Sato and Katsuya Sugai.  
for SUBSTRATE HAVING MAGNETORESISTIVE ELEMENT.

Enclosed are:

- ☒ 65 pages of application (including title page), 13 sheet(s) of drawings and the following Appendices : n/a.
- ☒ Preliminary Amendment
- ☒ Declaration and Power of Attorney for Patent Application
- ☒ Assignment transmittal letter and Assignment of the invention to : Alps Electric Co., Ltd.
- ☒ Submission of Certified Copies of Priority Documents and certified copy of Japanese Application Nos. 10-354341 and 10-366330.
- ☒ Information Disclosure Statement, Form PTO-1449 and Reference(s) A1.

Claims as Filed	Col. 1	Col. 2
For	No. Filed	No. Extra
Basic Fee		
Total Claims	17-20	0
Indep. Claims	3-3	0
Multiple Dependent Claims Present		

\*If the difference in col. 1 is less than zero, enter "0" in col. 2.

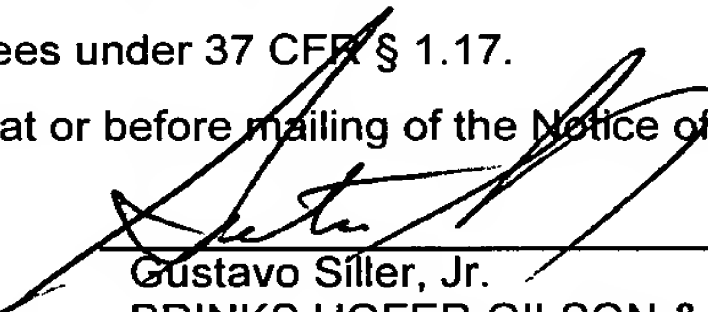
Small Entity	
Rate	Fee
	\$ 380
x\$9=	\$
x\$39=	\$
+\$130=	\$
Total	\$

Other Than Small Entity	
Rate	Fee
	\$ 760
x\$18=	\$ 0
x\$78=	\$ 0
+\$260=	\$ 0
Total	\$ 760

- ☐ Please charge my Deposit Account No. 23-1925 in the amount of \$\_\_\_\_\_. A duplicate copy of this sheet is enclosed.
- ☒ A check in the amount of \$760 to cover the filing fee is enclosed.
- ☒ The Assistant Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.
  - ☒ Any additional filing fees required under 37 CFR § 1.16.
  - ☒ Any patent application processing fees under 37 CFR §1.17.
- ☐ The Assistant Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.
  - ☐ Any filing fees under 37 CFR § 1.16 for presentation of extra claims.
  - ☐ Any patent application processing fees under 37 CFR § 1.17.
  - ☐ The issue fee set in 37 CFR § 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR § 1.311(b).

Date

12/17/99

  
Gustavo Siller, Jr.  
BRINKS HOFER GILSON & LIONE  
Registration No. 32,305

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: )  
Kiyoshi Sato et al. )  
Serial No. To Be Assigned )  
Filing Date: Herewith )  
For SUBSTRATE HAVING )  
MAGNETORESISTIVE ELEMENT )

jc688 U.S. PTO  
09/456151  
12/07/99

**SUBMISSION OF CERTIFIED COPIES OF PRIORITY DOCUMENTS**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Transmitted herewith are certified copies of priority documents Japanese Patent Application Nos. 10-354341, filed December 14, 1998; and 10-366330, filed December 14, 1998, for the above-named U.S. application.

Respectfully submitted,

  
Gustavo Siller, Jr.  
Registration No. 32,305  
Attorney for Applicants

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